

User System Requirements



GENERAL SYSTEM REQUIREMENTS

Operating System	Hardware	Software	Browser	Java Virtual Machines	Comments
XP Pro XP Home Win2000Pro	266-MHz or higher Intel Pentium processor (or similar AMD Processor) 256 MB of RAM 20 GB hard drive with 90 MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56 Kbps or faster	Adobe Acrobat 7.0.5	IE 6.0 SP1/SP2, Netscape Navigator 7.0	MS JVM 5.0, Sun Java Plugin 1.5.0 and above	Sun JRE version 1.5.0_05 is strongly recommended for TLS configuration.
Mac OSX 10.4	PowerPC 256 MB of RAM 20 GB HFS formatted hard drive with 125 MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56 Kbps or faster	Adobe Acrobat 7.0.5 MAC	Mac Safari 2.0	Apple JRE 1.5 and above	Apple JRE version 1.5 Release 3 is strongly recommended for TLS configuration
RedHat 9.0	266-MHz or higher Intel Pentium processor (or similar AMD Processor) 256 MB of RAM 20 GB hard drive with 90 MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56 Kbps or faster	Adobe Acrobat 7.0.5	Mozilla 1.7.3 (Mozilla 1.7.2 has a security flaw)	Sun Java Plugin 1.5.0 and above	Sun JRE version 1.5.0_05 is strongly recommended for TLS configuration.

SUPPORTED BROWSERS AND SETTINGS

The USPTO actively tests and supports Netscape 7.0 and Internet Explorer 6.0 for use with EFS-Web. However, each browser version (major and minor releases) may have specific issues that USPTO cannot always address. If you install a later browser version, please be sure to maintain one of the supported browsers in order to ensure access to EFS-Web.



PDF INSTRUCTIONS

Browser and Adobe Acrobat Reader Compatibility

EFS-Web requires that the PDF documents conform to any one of versions 1.1 through 1.6 of the Adobe PDF specification.

Adobe Acrobat Reader

EFS-Web does not require the use of Adobe Acrobat Reader, a free software application. The recommended version of Adobe Acrobat for EFS-Web is version 7.0.5. To upgrade to version 7.0.5, visit the Adobe website and choose the appropriate operating system and language for download of Acrobat Reader 7.0.5.

SECURITY

Please ensure that the following settings are applied to your computer and/or network. Note: You may need Administrative rights to adjust some of these settings.

All Users

- Networks and Firewall infrastructures must allow outbound communication to USPTO via port 443/https.
- Networks and Firewall infrastructures must not strip packet header contents.
- Workstations must run a supported Operating System version.
- Workstations must run a supported Browser.
- Browsers are strongly recommended to be configured for usage of TLS instead of SSL.
- Browsers must support HTML frames.
- Browsers/workstations must accept cookies, at least for the length of a particular communications session.

Authenticated Users

- Browsers/workstations must accept Entrust security applets, for download and use, at least for the length of a particular communications session. Workstations must run a supported Java Runtime Environment/Java Virtual Machine (JRE/JVM).

Un-Authenticated Users

- Users must set browsers to permit running of JavaScript.



Cookie and Java Configuration Details

A "session cookie" is information sent by a web site server to your computer while you are connected to that site. Session cookies expire once all browser windows are closed. EFS-Web's cookies temporarily store information about your interactions that may be needed later for the system to perform a function. As you move from page to page in EFS-Web, cookies allow your specific Name, Documents, Fees, etc. to be retrieved. No persistent cookies are used.

The following table details the settings that are needed, in various browser environments, for cookie handling and certain Java related items.

Browser	Setting Name	Setting
Microsoft IE 6.0 (see Note 1)	Warn me before accepting a cookie	<i>Disable</i>
	First part Cookies	<i>Accept or Prompt (see Note 2)</i>
	Allow per-session cookies (not stored)	<i>Enable or Prompt</i>
	Active Scripting	<i>Enable or Prompt</i>
	Scripting of Java Applets	<i>Enable or Prompt</i>
	Third Party Cookies	<i>Accept or Prompt (see Note 2)</i>
Netscape 7.0	Enable Java	<i>Enable</i>
	Enable JavaScript	<i>Enable</i>
	Cookies	<i>Accept all Cookies (no warnings)</i>
	Warn me before accepting a cookie	<i>Disable</i>
Mozilla	Enable Java	<i>Enable</i>
	Enable JavaScript	<i>Enable</i>
	Cookies	<i>Allow all Cookies</i>

Notes:

1. The IE 6.0 Browser Privacy setting cannot be set to 'Block All Cookies'
2. Applies only if using the 'Override Automatic Cookie Handling' setting